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Tomofumi [JP/JP]; c/o Kawasaki Plant Showa Denko
K.K., 2-3, Chidori-cho, Kawasaki-ku, Kawasaki-shi,
Kanagawa 2100865 (JP).

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(74) Agent: SUZUKI, Shunichiro; S.Suzuki & Associates
Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome,
Shinagawa-ku, Tokyo 1410031 (JP).

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(71) Applicant (for all designated States except US): **SHOWA
DENKO K.K.** [JP/JP]; 13-9, Shibadaimon 1-chome, Mi-
nato-ku, Tokyo 1058518 (JP).

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(72) Inventors; and

(75) Inventors/Applicants (for US only): **TANI, Takashi**
[JP/JP]; c/o Kawasaki Plant Showa Denko K.K., 2-3,
Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa
2100865 (JP). **SAITO, Makoto** [JP/JP]; c/o Kawasaki
Plant Showa Denko K.K., 2-3, Chidori-cho, Kawasaki-ku,
Kawasaki-shi, Kanagawa 2100865 (JP). **UEDA, Takashi**
[JP/JP]; c/o Kawasaki Plant Showa Denko K.K., 2-3, Chi-
dori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2100865
(JP). **NAKAMURA, Keiichi** [JP/JP]; c/o Kawasaki Plant
Showa Denko K.K., 2-3, Chidori-cho, Kawasaki-ku,
Kawasaki-shi, Kanagawa 2100865 (JP). **NISHIMURA,**

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ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PRODUCING FINE METAL OXIDE PARTICLES

(57) Abstract: The present invention provides a process for producing fine metal oxide particles efficiently and simply. The process for producing fine metal oxide particles of the present invention comprises subjecting a gaseous organometallic compound to combustion in a gas phase in the presence of an oxidizing substance; mixing a gaseous organometallic compound with an oxidizing substance to prepare a mixture and subjecting the mixture to combustion; mixing an organometallic compound solution with an oxidizing substance to prepare a mixture making the mixture into a gaseous state and then subjecting the gaseous mixture to combustion; or mixing an oxidizing substance with a gaseous organometallic compound prepared by vaporizing an organometallic compound solution to prepare a mixture and subjecting the mixture to combustion.